

F

## COMMITTEE ON EXCHANGES

Mar - Apr 75

SENDER WILL CHECK CLASSIFICATION TOP AND BOTTOM				
	UNCLASSIFIED	CONFIDENTIAL	SECRET	
<b>OFFICIAL ROUTING SLIP</b>				
TO	NAME AND ADDRESS		DATE	INITIALS
1				
2				
3				
4				
5				
6				
	ACTION	DIRECT REPLY	PREPARE REPLY	
	APPROVAL	DISPATCH	RECOMMENDATION	
	COMMENT	FILE	RETURN	
	CONCURRENCE	INFORMATION	SIGNATURE	

**Remarks:**

SUBJECT: Computers in Management (Education)

REF : Our covering buckslip of 11 Nov 75,  
 transmitting "Report of Visit of US  
 Delegation on Educational Technology  
 to USSR March 26-April 10, 1975"

Attached are the translations of the title pages  
 of the books, monographs and other materials  
 received by the delegation which we promised you  
 on the 11 Nov buckslip. If you have interest in  
 any of these, please let us know and we will  
 acquire them. [REDACTED]

STATINTL

STATINTL

STATINTL

FOLD HERE TO RETURN TO SENDER		
FROM: NAME, ADDRESS AND PHONE NO.	DATE	
[REDACTED] / COMEX Secretariat	2 Dec 75	
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FORM NO. 237 Use previous editions  
1-67

\* GPO : 1974 O - 535-857

(40)

**State Dept. declassification & release instructions on file**

P/ase

On a buckslip--taped on COMEX letter head

(Remarks):

Subject: Computers in Management (Education)

Ref: Our covering buckslip of 11 Nov 75, transmitting "Report of Visit of U.S. Delegation on Educational Technology to USSR March 26- April 10, 1975"

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If you have interest in any of these, ~~monographs~~ please let us know and we will acquire them.

STATINTL

STATINTL

STATINTL

COMEX Secretariat

ccs OSI, OER CRS, 4 mil Commerce GSS

return orig and buckslip to NB who has 11 Nov material also in her pending file

Make the Acquaintance of MEI\*

\*Moskovskiy Energeticheskiy Institut (Moscow Power Engineering Institute)

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Moscow Power Engineering Institute

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Moscow  
Power Engineering  
Institute

After 50 years of Soviet power

"Energiya" /Energy Publ. House/

Moscow

1967

Ministry of Higher and Secondary  
Specialized Education USSR

Moscow  
Order  
of Labor  
Red  
Banner  
Institute  
of Steel and Alloys

Publishing House  
"Metallurgiya" Metallurgy  
Moscow 1973

Ministry of Higher and Secondary Specialized  
Education USSR

—  
Main Administration of Higher Educational  
Institutions

—  
Moscow Order of Lenin Power Engineering Institute

---

Specialities of the  
Moscow Order of Lenin  
Power Engineering Institute

Moscow

MEI

1970

Ministry of Higher and Secondary Specialized  
Education USSR

---

I              Information  
Ts              Center of the  
V              Higher  
Sh\*              School

---

Express-Information

---

System for  
Automated  
Compilation of a Schedule of  
Studies

---

Moscow 1971

\* Informatsionnyy Tsentr vysshey Shkoly (Information Center of the Higher School)

Ministry of Higher and Secondary Specialized  
Education USSR

---

I Information  
Ts Center of the  
V Higher  
Sh School

---

Express-Information

---

Utilization of the Minsk-22 Electronic Computer  
for the Acceptance of  
E~~AMK~~ Entrance Examinations  
in Moscow  
Economic-Statistics  
Institute

---

Moscow 1972

Ministry of Higher and Secondary Specialized  
Education USSR

---

I                   Information  
Ts                 Center of the  
V                 Higher  
Sh                 School

---

Express-Information

---

Machine Processing  
of the Results of Monitoring  
the Students'  
Current Progress

---

Moscow 1972

Ministry of Higher and Secondary Specialized  
Education USSR

---

I Information  
Ts Center of the  
V Higher  
Sh School

---

Bibliographic Information

---

Index of Textbooks  
and Teaching Aids  
for Higher  
Educational Institutions

No. 2

---

Moscow 1974

Ministry of Higher and Secondary Specialized  
Education USSR

---

I Information  
Ts Center of the  
V Higher  
Sh School

---

Express Information

---

On a Standard Structure  
for an Automated System  
for Control of a VUZ\*

---

Moscow 1972

\*Vyssheye Uchebnoye Zavedeniye (Higher Educational Institution)

Ministry of Higher and Secondary Specialized  
Education USSR

---

I Information  
Ts EK Center of the  
V Higher  
Sh School

---

Reference Information

---

Principles for Selecting  
Raw Data Digital  
When Using a/Computer  
to Ensure the Effectiveness  
of Students' Classroom Work and Homework

---

Moscow 1969

Ministry of Higher and Secondary Specialized  
Education USSR

---

I           Information  
Ts           Center of the  
V           Higher  
Sh           School

---

Express-Information

---

Some Problems in  
Optimization  
and Modeling  
of Teaching Programs  
With the Aid of a Digital Computer

---

Moscow 1971

Ministry of Higher and Secondary Specialized  
Education USSR

I Scientific Research  
Ts Institute  
V for Higher School Problems  
Sh

Recommendations  
for an Inter-VUZ Conference  
on the Trend  
"Organization of Scientific Research  
Economics and Forecasting  
Development of Higher Education"

Moscow 1975

Ministry of Higher and Secondary Specialized  
Education USSR

---

I           Information  
Ts           Center of the  
V           Higher  
Sh           School

---

Express Information

---

Automated  
Processing and Results  
of Statistical Computations  
of Students'  
Independent Work

---

Moscow 1972

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Ministry of Higher and Secondary Specialized  
Education USSR

---

I                   Scientific Research  
Ts                 Institute  
V                 for Higher School Problems  
Sh

---

Bibliographic Information

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News About Literature  
And Documentation  
on the Problems of the Higher School

Higher Education Abroad

No. 1

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Moscow 1975

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

E. A. Trakhmengerts

Software for  
Automated  
Control  
Systems

"Statistika" ("Statistics" Publishing House)  
Moscow, 1974

Moscow  
Order of Labor Red Banner  
Institute of Steel and Alloys

---

V. A. Romenets, A. S. Urmayev, V. L. Kashkovskiy

The Use of Electronic Computers in the Educational Process

Instructions on Methods

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Moscow, 1973

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Moscow  
Order of Labor Red Banner  
Institute of Steel and Alloys

---

S. V. Yemel'yanov, V. A. Romenets, A. S. Urmayev

Instructions on Methods  
for the Use of Electronic Computers in the Educational Process

---

Moscow, 1974

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Moscow  
Order of Labor Red Banner  
Institute of Steel and Alloys

---

V. A. Romenets, I. B. Morgunov

Instructions on Methods  
on the Scientific-Methodological Basis for  
Educational Plans

---

Moscow, 1974

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Ministry of Higher and Secondary Specialized Education RSFSR

Leningrad Order of Lenin Electrical Engineering Institute  
imeni V. I. Ul'yanov (Lenin)

---

Basic Trends in the Development of  
Computer Technology

Synopsis of Lectures

Leningrad, 1973

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Nonlinear  
Analysis  
and Its Applications

---

A. D. Ioffe  
V. M. Tikhomirov

Theory of  
Extremal  
Problems

"Nauka" Science Publishing House  
Main Editorial Staff  
for Physical-Mathematical Literature

Moscow 1974

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Ministry of Higher and Secondary Specialized  
Education USSR

Moscow  
Order of Labor Red Banner  
Institute of Steel and Alloys

---

Department of Technical Developments

Instructions for Students on  
Filling Out  
the Programmed Control Cards KPK-1 I 7172-02

---

Moscow -- 1972

Taganrog Radio Engineering Institute  
imeni V. D. Kalmykov

New Teaching Methods and Resources  
in the Higher School

Inter-VUZ Thematic Scientific Collection

No. 1

Taganrog -- 1974

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

Documental  
Systems  
in Control

under the editorship of G. G. Vorob'yev  
and M. G. Gaaze-Rapoport

"Ekonomika" Economics Publishing House  
Moscow -- 1973

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

V. S. Sinavina

An Evaluation  
of the Quality  
of the Operation  
of ASU's\*

(Research on the Reliability  
of Information Processing)

"Ekonomika" Economics Publishing House Moscow -- 1973

\* Avtomaticheskaya Sistema Upravleniya (Automated Control System)

A. N. Tikhonov, V. Ya. Arsenin

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Methods of Solving  
Incorrect  
Problems

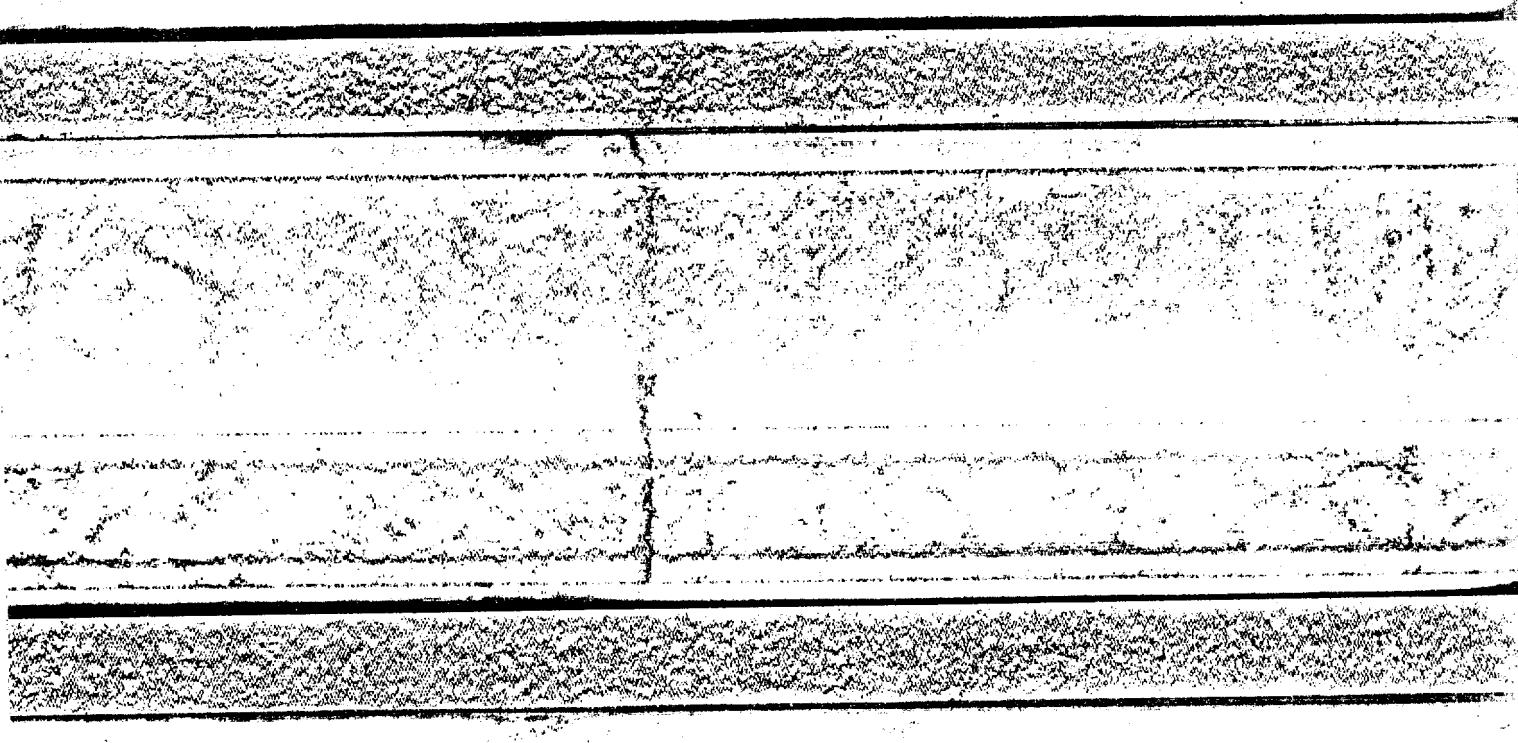
"Nauka" Science Publishing House  
Main Editorial Staff  
for Physical-Mathematical Literature  
Moscow 1974

Approved For Release 2001/11/19 : CIA-RDP79-00798A000200020002-2

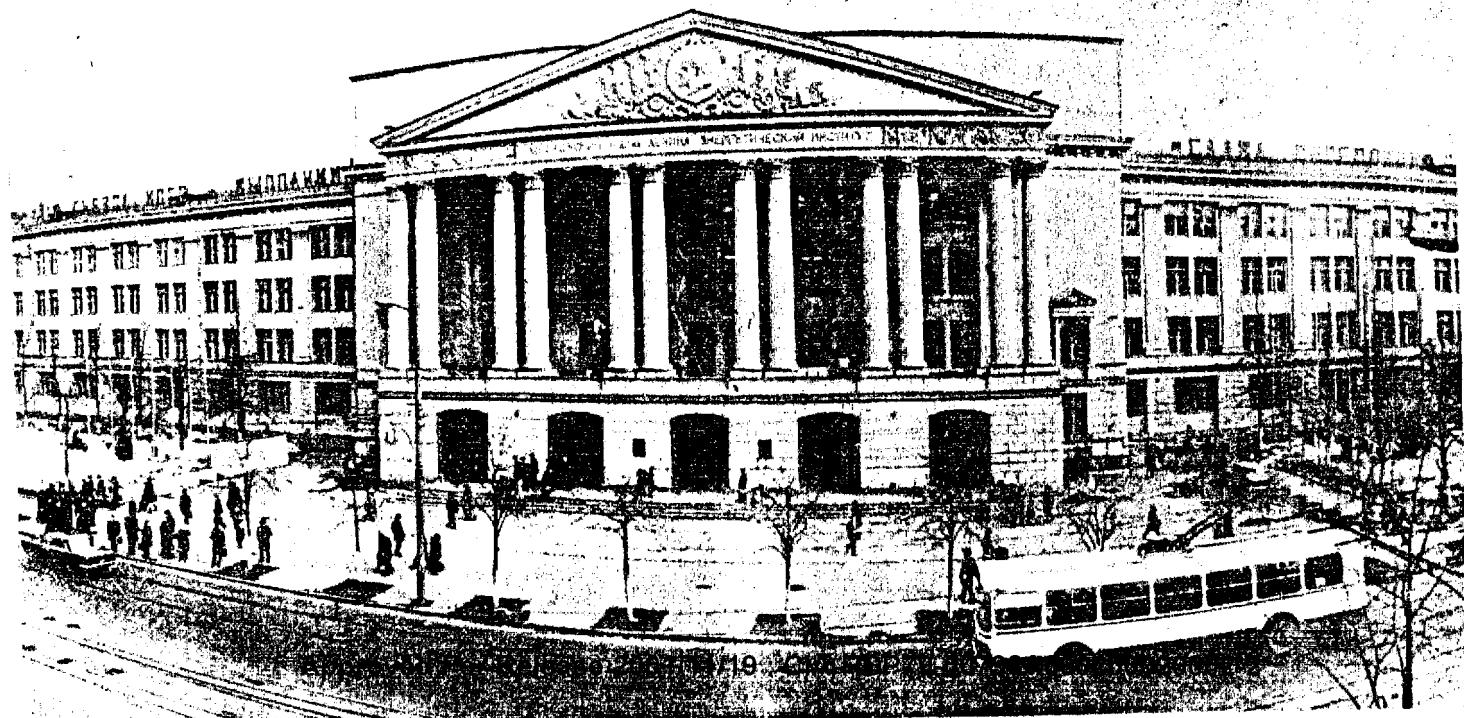
YeS (Yedinaya Sistema -- Unified System)

EVM (Elektronno-Vychislitel'nykh Mashin -- of Electronic Computers)

Model 1030

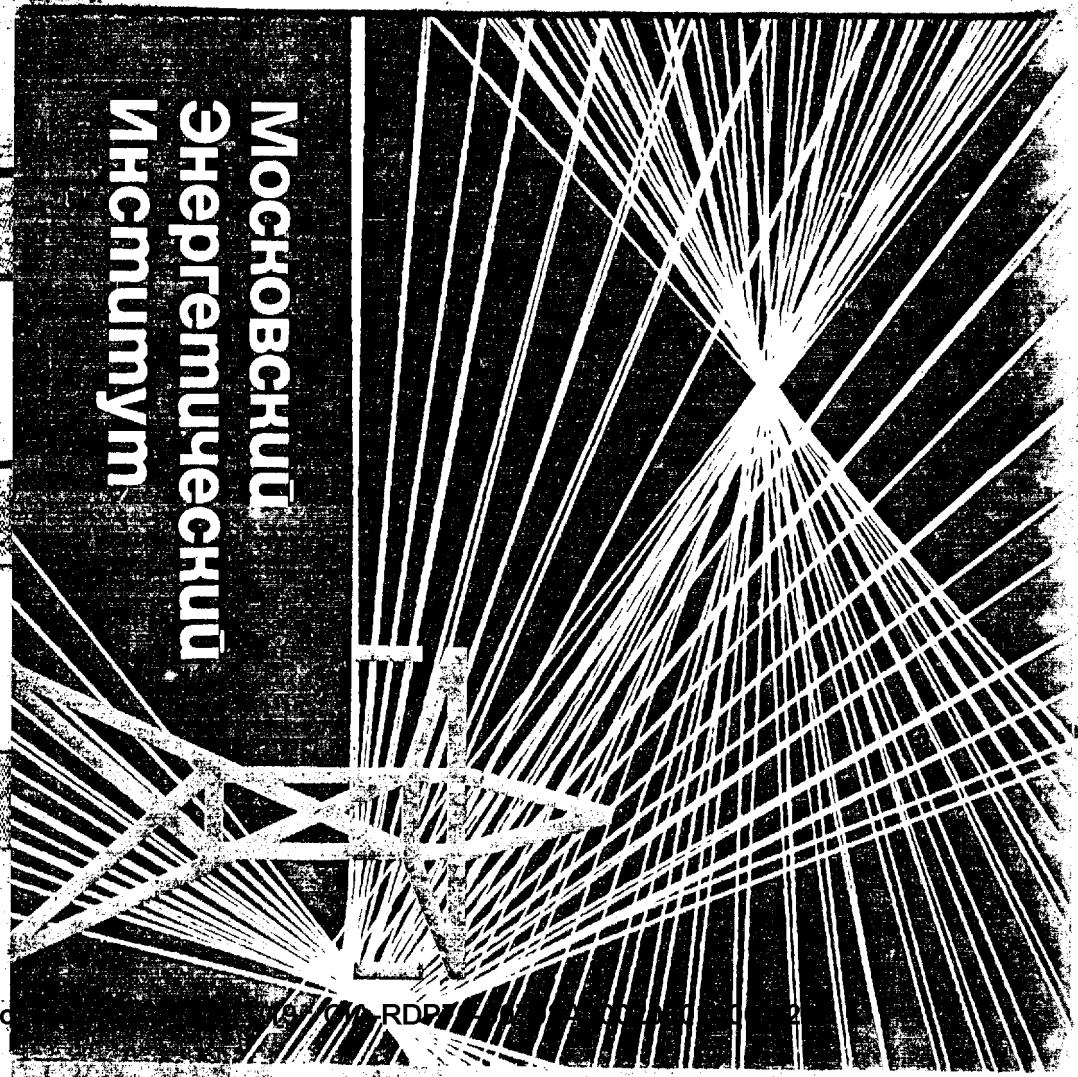


знакомьтесь-**3**



2

Московский  
Энергетический  
Институт



**МОСКОВСКИЙ  
Энергетический  
Институт**

**ЗА 50 ЛЕТ СОВЕТСКОЙ ВЛАСТИ**



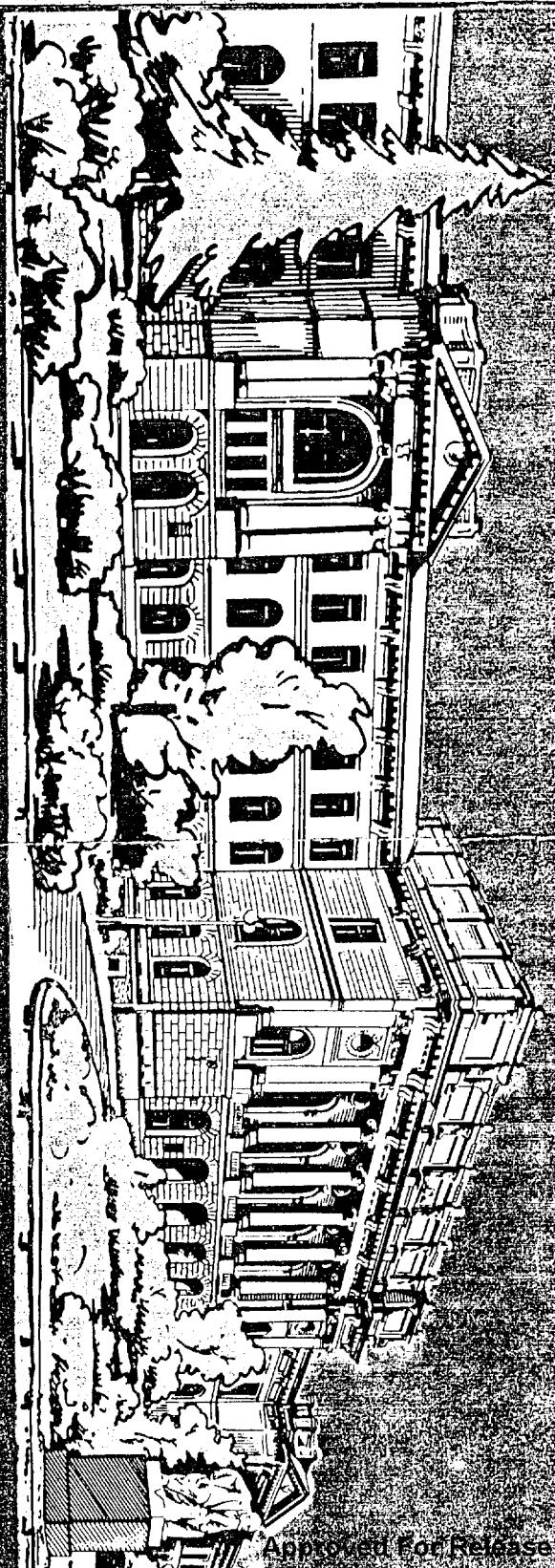
**„Энергия“**

**Москва  
1967**

4  
МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО  
СПЕЦИАЛЬНОГО ОБРАЗОВАНИЯ СССР

МОСКОВСКИЙ  
ОРДЕНА  
ТРУДОВОГО  
КРАСНОГО  
ЗНАМЕНИ  
ИНСТИТУТ  
СТАЛИ И СПЛАВОВ

ИЗДАТЕЛЬСТВО  
«МЕТАЛЛУРГИЯ»  
МОСКВА 1973



INSTITUTE  
NAMED AFTER  
M. I. KALININ

TECHNICAL  
INSTITUTE  
ENINCRAD

МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР  
ГЛАВНОЕ УПРАВЛЕНИЕ ВЫСШИМИ УЧЕБНЫМИ  
ЗАВЕДЕНИЯМИ  
МОСКОВСКИЙ ордена ЛЕНИНА ЭНЕРГЕТИЧЕСКИЙ институт

СПЕЦИАЛЬНОСТИ  
МОСКОВСКОГО ордена ЛЕНИНА  
ЭНЕРГЕТИЧЕСКОГО института



Москва

1970

6  
МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР

Информационный  
центр

Высшей  
школы



ЭКСПРЕСС-ИНФОРМАЦИЯ

СИСТЕМА  
АВТОМАТИЗИРОВАННОГО  
СОСТАВЛЕНИЯ РАСПИСАНИЯ  
УЧЕБНЫХ ЗАНЯТИЙ

МОСКВА 1971

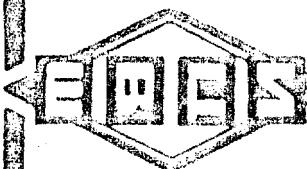
МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР

информационный

центр

высшей

школье



ЭКСПРЕСС-ИНФОРМАЦИЯ

ИСПОЛЬЗОВАНИЕ ЭВМ "МИНСК-22"  
ДЛЯ ПРИЕМА  
ВСТУПИТЕЛЬНЫХ ЭКЗАМЕНОВ  
В МОСКОВСКОМ  
ЭКОНОМИКО-СТАТИСТИЧЕСКОМ  
ИНСТИТУТЕ

МОСКВА • 1 9 7 2

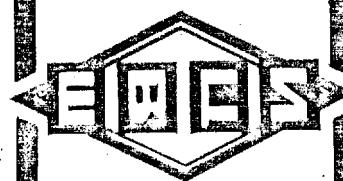
МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР

информационный

центр

высшей

школы



ЭКСПРЕСС-ИНФОРМАЦИЯ

МАШИННАЯ ОБРАБОТКА  
РЕЗУЛЬТАТОВ КОНТРОЛЯ  
ТЕКУЩЕЙ УСПЕШЕАЕМОСТИ  
СТУДЕНТОВ

МОСКВА • 1972

МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР



МИНИСТЕРСТВО  
ВЫСШЕГО И СРЕДНЕГО  
СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР

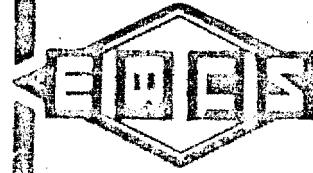
БИБЛИОГРАФИЧЕСКАЯ ИНФОРМАЦИЯ

УКАЗАТЕЛЬ УЧЕБНИКОВ  
И УЧЕБНИЧНЫХ ПОСОБИЙ  
МЛДИ ИЗЫСКИВ  
УЧИТЕЛЬСКИХ ЗАВЕДЕНИЙ

ВЫПУСК 2

МОСКОВА • 1974

МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР

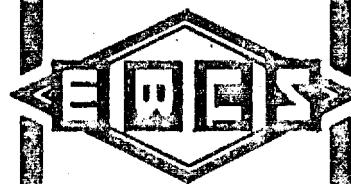


Информационный  
центр  
высшей  
школы

ЭКСПРЕСС-ИНФОРМАЦИЯ

О ТИПОВОЙ СТРУКТУРЕ  
АВТОМАТИЗИРОВАННОЙ СИСТЕМЫ  
УПРАВЛЕНИЯ ВУЗОМ

МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО  
СПЕЦИАЛЬНОГО ОБРАЗОВАНИЯ СССР



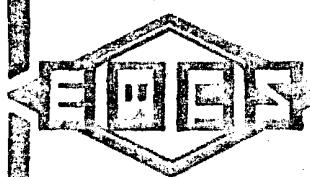
информационный  
центр  
высшей  
школы

РЕФЕРАТИВНАЯ ИНФОРМАЦИЯ

ПРИНЦИПЫ ВЫБОРА  
ИСХОДНЫХ ДАННЫХ,  
ОБЕСПЕЧИВАЮЩИХ  
ЭФФЕКТИВНОСТЬ КУРСОВЫХ  
И ДОМАШНИХ СТУДЕНЧЕСКИХ  
РАБОТ С ИСПОЛЬЗОВАНИЕМ ЭЦВМ

МОСКВА • 1969

МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР



Информационный

Центр

высшей

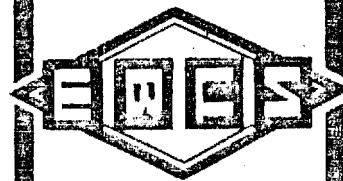
школы

ЭКСПРЕСС-ИНФОРМАЦИЯ

НЕКОТОРЫЕ ВОПРОСЫ  
ОПТИМИЗАЦИИ  
И МОДЕЛИРОВАНИЯ  
ОБУЧАЮЩИХ ПРОГРАММ  
С ПОМОЩЬЮ ЭЦВМ

МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР

МОСКОВСКИЙ ГОСУДАРСТВЕННЫЙ УНИВЕРСИТЕТ



Научно-исследовательский  
институт  
проблем высшей школы

РЕКОМЕНДАЦИИ  
МЕЖВУЗОВСКОГО СОВЕЩАНИЯ  
ПО НАПРАВЛЕНИЮ  
«ОРГАНИЗАЦИЯ НАУЧНЫХ ИССЛЕДОВАНИЙ  
ЭКОНОМИКА И ПРОГНОЗИРОВАНИЕ  
РАЗВИТИИ ВЫСШЕГО ОБРАЗОВАНИЯ»

МОСКВА • 1975

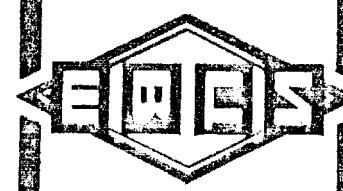
МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР

Информационный

центр

высшей

школы

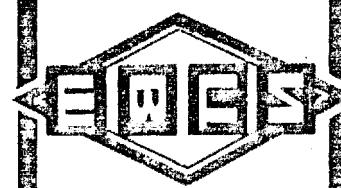


ЭКСПРЕСС-ИНФОРМАЦИЯ

АВТОМАТИЗИРОВАННАЯ  
ОБРАБОТКА И РЕЗУЛЬТАТЫ  
СТАТИСТИЧЕСКИХ РАСЧЕТОВ  
САМОСТОЯТЕЛЬНОЙ РАБОТЫ  
СТУДЕНТОВ

МОСКВА • 1 9 7 2

МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР



Научно-исследовательский  
институт  
проблем высшей школы

БИБЛИОГРАФИЧЕСКАЯ ИНФОРМАЦИЯ

НОВОСТИ ЛИТЕРАТУРЫ  
И ДОКУМЕНТАЦИИ  
ПО ПРОБЛЕМАМ ВЫСШЕЙ ШКОЛЫ

Высшее образование за рубежом

Выпуск 1

МОСКВА • 1975

Э. А. Трахтенеру

ПРОГРАММНОЕ  
ОБЕСПЕЧЕНИЕ  
АВТОМАТИЗИРОВАННЫХ  
СИСТЕМ  
УПРАВЛЕНИЯ

Из



“СТАТИСТИКА”  
МОСКВА 1974

МОСКОВСКИЙ  
ОРДЕН ТРУДОВОГО КРАСНОГО ЗНАМЕНИ  
ИНСТИТУТ СТАЛИ И СПЛАВОВ

ВСКИЙ  
КРАСНОГО ЗНАМЕНИ  
ПИИ СПЛАВОВ

С. В. Емельянов, В. А. Роменец, А. С. Урлаев

И. Б. Моргунов

МЕТОДИЧЕСКИЕ УКАЗАНИЯ  
ПО ПРИМЕНЕНИЮ ЭВМ В УЧЕБНОМ  
ПРОЦЕССЕ  
СКОМУ ОБОСНОВАНИЮ  
ПЛАНОВ

Министерство высшего и среднего специального образования РСФСР

Ленинградский ордена Ленина электротехнический институт  
имени В. И. Ульянова (Ленина)

А. Д. ИОФФЕ,  
ТИХОМИРОВ

ОСНОВНЫЕ НАПРАВЛЕНИЯ РАЗВИТИЯ  
ВЫЧИСЛИТЕЛЬНОЙ ТЕХНИКИ

Конспект лекций

Ленинград  
1973

МИНИСТЕРСТВО ВЫСШЕГО И СРЕДНЕГО СПЕЦИАЛЬНОГО  
ОБРАЗОВАНИЯ СССР

МОСКОВСКИЙ  
ОРДЕНА ТРУДОВОГО КРАСНОГО ЗНАМЕНИ  
ИНСТИТУТ СТАЛИ И СПЛАВОВ

ОТДЕЛ ТЕХНИЧЕСКИХ РАЗРАБОТОК

ИНСТРУКЦИЯ

для студентов по заполнению карт  
программированного контроля КПК-  
И 7172-02

*Student  
Instruction*

ТАГАНРОГСКИЙ РАДИОТЕХНИЧЕСКИЙ ИНСТИТУТ  
им. В. Д. КАЛМЕКОВА

НОВЫЕ МЕТОДЫ И СРЕДСТВА  
ОБУЧЕНИЯ В ВЫСШЕЙ ШКОЛЕ

Межвузовский тематический научный сборник

Выпуск I

Таганрог—1974

ДОКУМЕНТАЛЬНЫЕ  
СИСТЕМЫ  
В УПРАВЛЕНИИ

ПОД РЕДАКЦИЕЙ Г. Г. ВОРОБЬЕВА  
и М. Г. ГАЗЕ-РАПОПОРТА

ИЗДАТЕЛЬСТВО «ЭКОНОМИКА»  
Москва — 1973

В. С. СИНАВИНА

ОЦЕНКА  
КАЧЕСТВА  
ФУНКЦИОНИРОВАНИЯ  
АСУ

(Исследование достоверности  
обработки информации)

ИЗДАТЕЛЬСТВО «ЭКОНОМИКА» МОСКВА — 1973

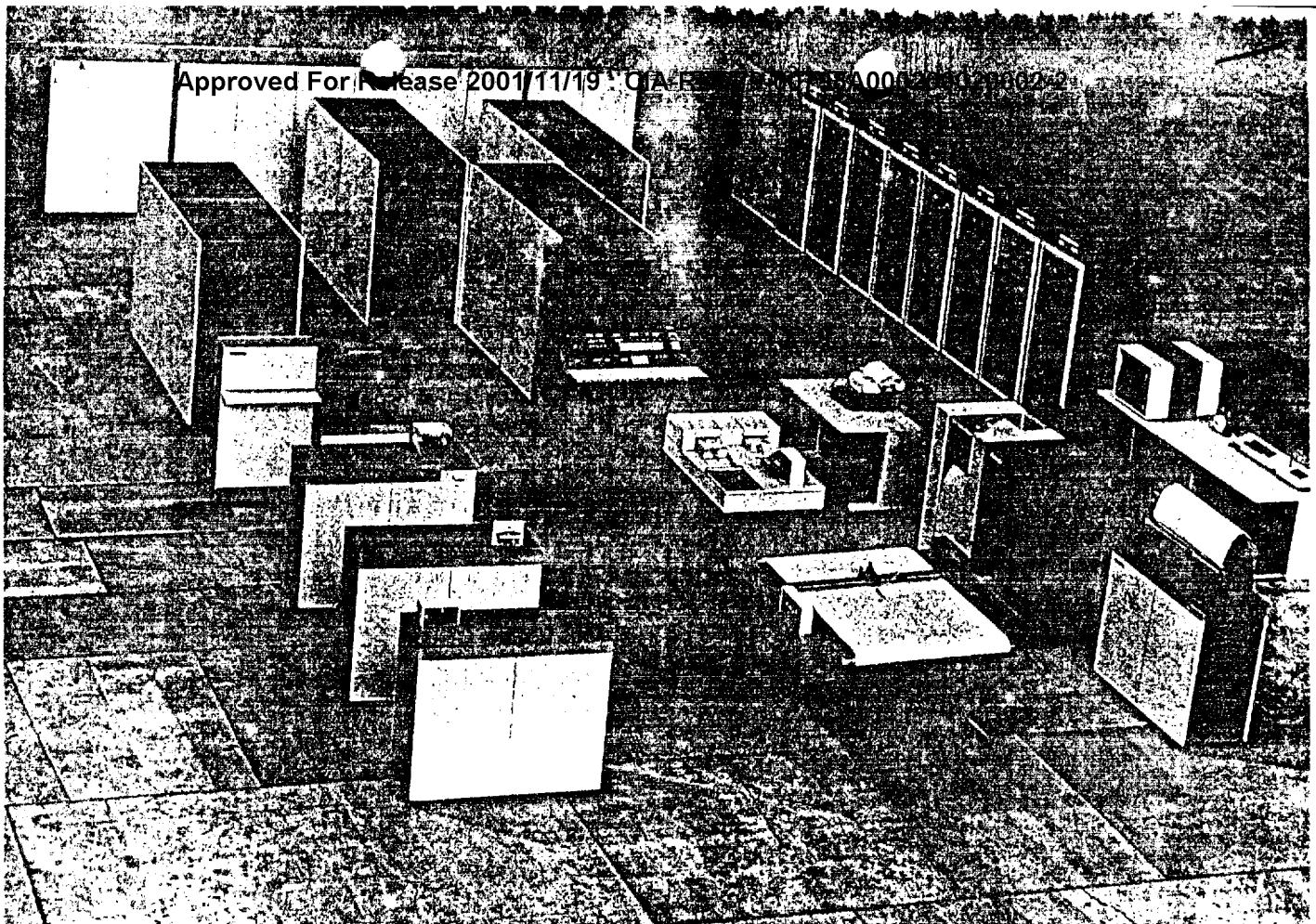
А. Н. ТИХОНОВ, В. Я. АРСЕНИН

МЕТОДЫ РЕШЕНИЯ  
НЕКОРРЕКТНЫХ  
ЗАДАЧ



ИЗДАТЕЛЬСТВО «НАУКА»  
ГЛАВНАЯ РЕДАКЦИЯ  
ФИЗИКО-МАТЕМАТИЧЕСКОЙ ЛИТЕРАТУРЫ  
Москва 1974

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# UNIFIED SYSTEM OF ELECTRONIC COMPUTERS

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(1)

The Unified System of Electronic Computers (EC ЭВМ) is a family of the third generation computers for solving a wide range of scientific, business as well as administrative problems. The modular design and the construction of EC ЭВМ as well as the elaborated Standard Interface System of the central part and peripheral devices allow the user to select the configuration of the concrete system accurately matched for immediate problems and the system development in future. The existing system allows to add new peripheral devices or to substitute a more powerful processor.

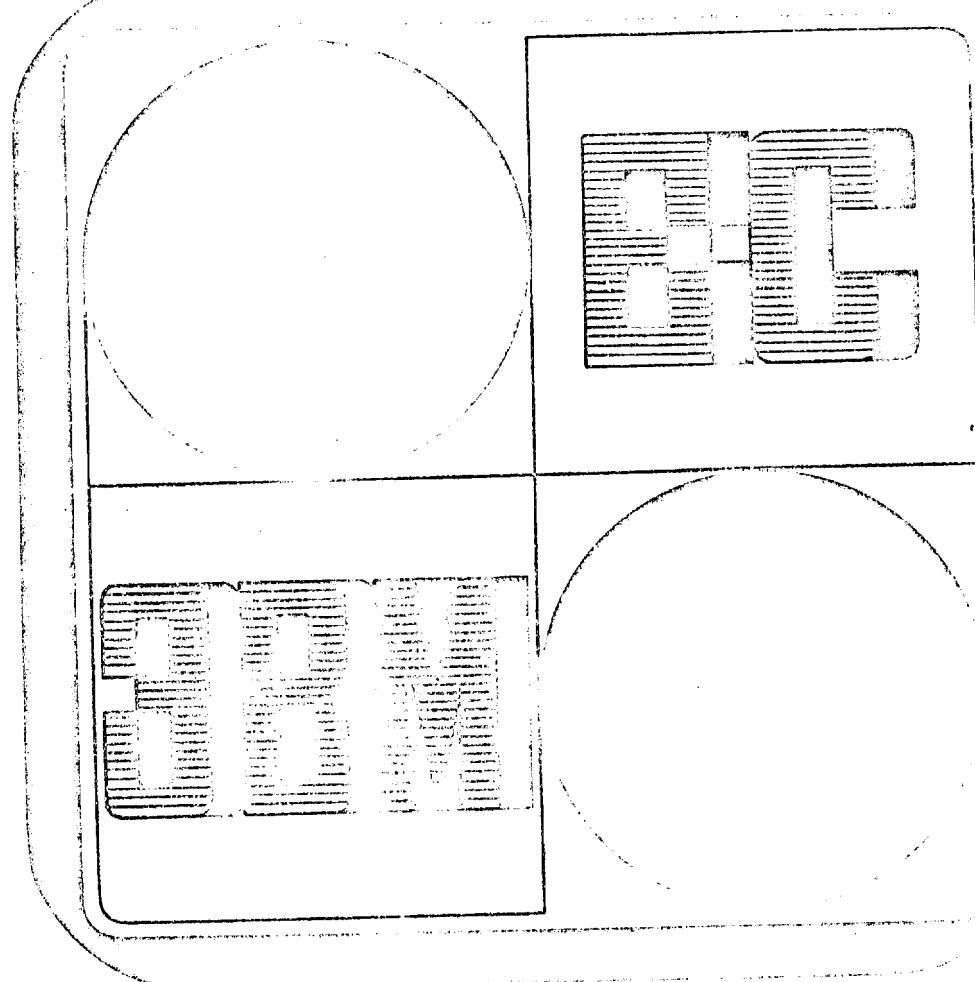
The electronic part of all devices is based upon the broad application of monolithic integrated circuits. This technique provides high-speed operation of computers, high reliability and comparatively

are 7 computers within the EC ЭВМ:

EC 1010/1020/1020A/1030/1040  
1050/1060. They are designed on the base of 7 processors with the speed in the range from some thousand up to 1.5 million operations per second. The concepts of design make possible to develop the system by adding new models at any point in the range.

The EC computer system has been designed by a large group of specialists of research institutes and factories of countries of the socialist concord — People's Republic of Bulgaria, Hungarian People's Republic, the German Democratic Republic, Polish People's Republic, the Union of Soviet Socialist Republics and the Czechoslovak Socialist Republic. The Industry output of EC Computers began in 1972.

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М О Д Е Л Ь 1030

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